

Form PTO-1449	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. D/A1407	APPLICATION NO. 10/005,993
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Hany Aziz et al.	GROUP ART UNIT 1774
		FILING DATE	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE	CLASS	SUB CLASS
dy	4,356,429	10/26/1982	Tang	313	503
	4,539,507	9/3/1985	VanSlyke et al.	313	504
	4,720,432	1/19/1988	VanSlyke et al.	428	457
	4,769,292	9/6/1988	Tang et al.	428	690
	5,061,569	10/29/1991	VanSlyke et al.	428	457
	5,141,671	8/25/1992	Bryan et al.	252	301.16
	5,150,006	9/22/1992	VanSlyke et al.	313	504
	5,151,629	9/29/1992	VanSlyke et al.	313	504
	5,227,252	7/13/1993	Murayama et al.	428	690
	5,516,577	5/14/1996	Matsuura et al.	428	212
	5,601,903	2/11/1997	Fujii et al.	428	212
	5,739,635	4/14/1998	Wakimoto	313	504
	5,846,666	12/8/1998	Hu et al.	428	690
	5,853,905	12/29/1998	So et al.	428	690
	5,925,472	7/20/1999	Hu et al.	428	690
↓	5,925,980	7/20/1999	So et al.	313	504

FOREIGN PATENT DOCUMENTS

	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	TRANSLATION Y/N

OTHER DOCUMENTS (Including Author (in CAPS), Title, Publication Date, Pages, etc.)

dy	Copending Application Serial No. 09/357,551, filed July 20, 1999, on "ORGANIC LIGHT EMITTING DEVICES HAVING IMPROVED EFFICIENCY AND OPERATION LIFETIME" by Hany Aziz et al.
dy	Copending Application Serial No. 09/606,670, filed June 30, 2000, on "ORGANIC LIGHT EMITTING DEVICES HAVING IMPROVED PERFORMANCE" by Hany Aziz et al.
dy	Copending Application Serial No. 09/800,716 on "CATHODES FOR ELECTROLUMINESCENT DEVICES HAVING IMPROVED CONTRAST AND REDUCED DARK SPOT GROWTH" by Yoon-Fei Liew et al.
EXAMINER	DATE CONSIDERED 6/5/2003
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	FILING DATE 11/8/2001	GROUP ART UNIT 1774

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE	CLASS	SUB CLASS
DSJ	5,935,720	8/10/1999	Chen et al.	428	690
	5,942,340	8/24/1999	Hu et al.	428	690
	5,952,115	9/14/1999	Hu et al.	428	690
	6,020,078	2/1/2000	Chen et al.	428	690
	6,048,630	4/11/2000	Burrows et al.	428	690
	6,057,048	5/2/2000	Hu et al.	428	690
	6,114,055	9/5/2000	Choong et al.	428	690
	6,130,001	10/10/2000	Shi et al.	428	690
✓	6,229,012	5/8/2001	Hu et al.	544	180

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OTHER DOCUMENTS (Including Author (in CAPS), Title, Publication Date, Pages, etc.)

DSJ	Copending Application Serial No. 09/770,159, filed January 26, 2001, on "ORGANIC LIGHT EMITTING DEVICES" by Hany Aziz et al.
DSJ	Copending Application Serial No. 09/770,154, filed January 26, 2001, on "ELECTROLUMINESCENT DEVICES" by Hany Aziz et al.
DSJ	Copending Application Serial No. 09/935,031, filed August 22, 2001, on "OLEDs HAVING LIGHT ABSORBING ELECTRODE" by Hany Aziz et al.
DSJ	S.A. VAN SLYKE et al., "Organic Electroluminescent Devices with Improved Stability", <i>Appl. Phys. Lett.</i> 69, pp. 2160-2162, 1996
DSJ	KIDO et al., "Organic Electroluminescent Devices Based on Molecularly Doped Polymers", <i>Appl. Phys. Lett.</i> 61, pp. 761-763, 1992
DSJ	S. NAKA et al., "Organic Electroluminescent Devices Using a Mixed Single Layer," <i>Jpn. J. Appl. Phys.</i> 33, pp. L1772- L1774, 1994
DSJ	W. WEN et al., <i>Appl. Phys. Lett.</i> 71, 1302 (1997)
DSJ	C. WU et al., "Efficient Organic Electroluminescent Devices Using Single-Layer Doped Polymer Thin Films with Bipolar Carrier Transport Abilities", <i>IEEE Transactions on Electron Devices</i> 44, pp. 1269-1281, 1997
EXAMINER	DAVID J. GANLEY
	DATE CONSIDERED 6/5/2003
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8/8	H. AZIZ et al., <i>Science</i> 283, 1900 (1999)
1	Z.D. POPOVIC et al., <i>Proceedings of the SPIE</i> , Vol. 3176, "Organic Light-Emitting Materials and Devices II", San Diego, CA, July 21-23, (1998) pp. 68 to 73
1	Y. HAMADA et al., "Influence of the Emission Site on the Running Durability of Organic Electroluminescent Devices", <i>Jpn. J. Appl. Phys.</i> 34, pp. L824-L826, (1995)
1	ZHOU et al., "Real-Time Observation of Temperature Rise and Thermal Breakdown Processes in Organic Leds Using an IR Imaging And Analysis System", <i>Advanced Materials</i> 12, pp 265-269, (2000)
1	J.R. SHEATS et al., "Organic Electroluminescent Devices", <i>Science</i> 273, pp. 884-888, (1996)
1	S. TOKITO et al., "High-Temperature Operation of an Electroluminescent Device Fabricated Using a Novel Triphenylamine Derivative", <i>Appl. Phys. Lett.</i> 69, 878 (1996)
1	KIDO et al., "White light emitting organic electroluminescent device using lanthanide complexes", <i>Jpn. J. App. Phys.</i> , Volume 35, pp. L394-L396 (1996)
✓	BALDO et. al., "Highly efficient organic phosphorescent emission from organic electroluminescent devices", <i>Letters to Nature</i> , Volume 395, pp 151-154 (1998)
EXAMINER	Deum L Ganett
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